

U.S.S.N. 10/789,150
Group Art Unit: 3616
Examiner: George D. Spisich

IN THE ABSTRACT OF THE DISCLOSURE

Please replace the original Abstract with the following new paragraph:

A self-leveling and balancing vehicle composed of a base and a moving and driving mechanism installed on the base, the mechanism having two longitudinal moving seats installed on the guiding rails fixed on the base, a connecting frame extending to and connecting the two moving seats, and two sector gears installed on the two moving seats. A driving motor and a sensor are installed on the connecting frame, two level driving gears installed on two ends of the driving shaft and engaged with the two sector gears, a balance gear box installed on the driving shaft and having an output shaft extending to the connecting frame, and two driven gears installed on two ends of the output shaft and engaged with the racks fixed on the base.